

**MENU****SEARCH****INDEX****DETAIL****JAPANESE****BACK****NEXT**

12 / 16

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-257066  
 (43)Date of publication of application : 25.09.1998

(51)Int.Cl. H04L 12/28  
 G06F 13/00

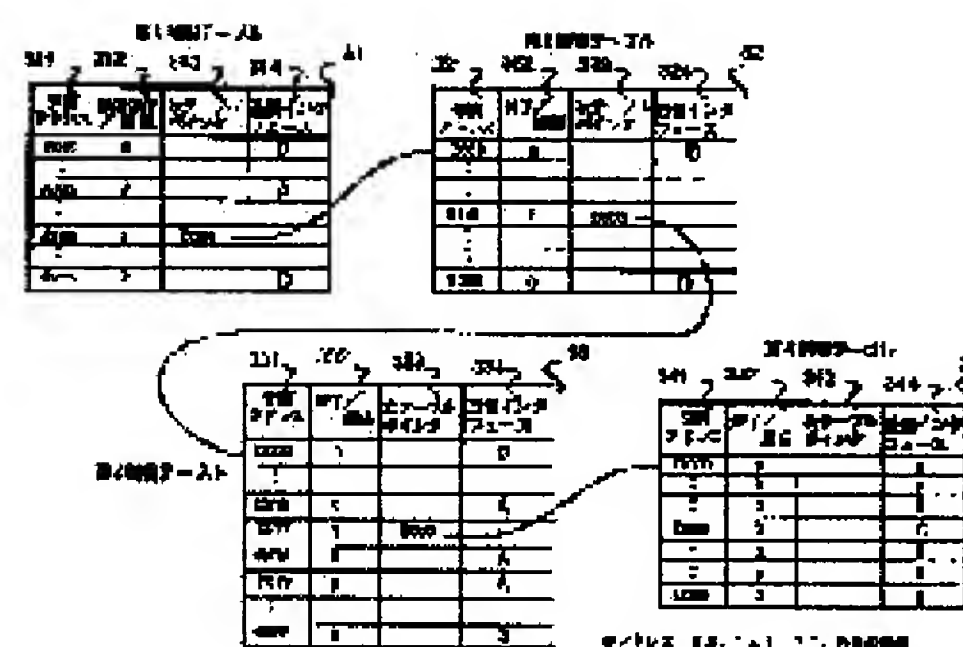
(21)Application number : 09-059103 (71)Applicant : MITSUBISHI ELECTRIC CORP  
 (22)Date of filing : 13.03.1997 (72)Inventor : TOKINIWA YASUHISA  
 INADA TORU  
 FUJII TERUKO  
 WATANABE AKIRA

## (54) NETWORK ADDRESS RETRIEVAL SYSTEM

## (57)Abstract:

PROBLEM TO BE SOLVED: To obtain an address control table retrieval system capable of simultaneously retrieving an address and a masked address and speeding up the retrieval of the address.

SOLUTION: In the retrieval of an IP address 133. 141. 77. 59, the address is divided into four addresses, i.e., 133, 141, 77, 59 and a first control table, a second control table, a third control table, a fourth control table are successively retrieved by using values of each address. In the retrieval of each control table, a retrieval end/continuation flag in the control table corresponding to the divided address is read, the end or continuation of the retrieval is decided and when the retrieval is continued, the next table pointer of the control table used in the next retrieval corresponding to the divided address in the control table is read. Each control table is repeatedly read and retrieved until the end of the retrieval.



## LEGAL STATUS

[Date of request for examination] 23.01.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]	3520709
[Date of registration]	13.02.2004
[Number of appeal against examiner's decision of rejection]	
[Date of requesting appeal against examiner's decision of rejection]	
[Date of extinction of right]	